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PTO-1449

U.S. Department of Commerce Patent and Trademark Office Atty. Docket No. Serial No.

LIFE-096CON4 (LSI0079/US/7) 10/611,824

Applicant

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

John J. Allen et al.

Filing Date Group

June 30, 2003 1723

U.S. PATENT DOCUMENTS

Examiner	Document	Date	Name	Class Subclass		Filing Date
Initial	Number			ŀ		If Appropriate
KM	3,123,066	03-03-1964	Brumley	1	1	
	3,136,310	06-09-1964	Meltzer			
	3,208,452	09-28-1965	Stern			
	3,338,239	08-29-1967	Mausteller			
	3,958,560	05-25-1976	March			
	4,014,321	03-29-1977	March			
	4,195,641	04-01-1980	Joines et al.			
	4,200,100	04-29-1980	Willis			
	4,407,290	10-04-1983	Wilber			
	4,489,974	12-25-1984	Warhol			
	4,517,978	05-21-1985	Levin et al.			
	4,622,974	11-18-1986	Coleman et al.			
	4,637,403	01-20-1987	Garcia et al.		·	
	4,648,408	03-10-1987	Hutcheson et al.			
	4,655,225	04-07-1987	Dahne et al.			
	4,660,971	04-28-1987	Sage et al.			
	4,685,463	08-11-1987	Williams			
	4,703,756	11-03-1987	Gough et al.			
	4,704,029	11-03-1987	Van Heuvelen	1		
•	F	OREIGN PAT	TENT DOCUMENT	`S		
Name	Document Number	Date	Country	Class	Subclass	Translation Yes/No

Name	Document Number	Date	Country	Class	Subclass	Translation Yes/No	
KM	3708031	11-12-1987	DE •			No	
NIZ	2033575	05-21-1980	GB				
V	0 160 768	11-13-1985	EP				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Arnold, M., et al., "Determination of Physiological Levels of Glucose in an Aqueous Matrix with Digitally Filtered Fourier Transform Near-Infrared Spectra," Analytical Chemistry, vol. 63, No. 14, pp. 1457-1464 (Jul. 1990).

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Filing Date

If Appropriate

Form PTO-1449 U.S. Department of Commerce Atty. Docket No. Serial No. Patent and Trademark Office LIFE-096CON4 10/611,824 (LSI0079/US/7) **Applicant** INFORMATION DISCLOSURE John J. Allen et al. STATEMENT BY APPLICANT Filing Date Group June 30, 2003 1723 U.S. PATENT DOCUMENTS Examiner Name Class Subclass **Document** Date Initial Number 03-15-1988 4,730,622 Cohen KM 4,750,830 06-14-1988 Lee 02-21-1989 4,805,623 **Jobsis** 4,873,993 10-17-1989 Meserol 4,882,492 11-21-1989 Schlager

Dechow 4,883,068 11-28-1989 Hutchison 02-20-1990 4,901,728 4,953,552 09-04-1990 DeMarzo Yafuso et al. 4,954,318 09-04-1990 4,960,467 10-02-1990 Peck 4,981,779 01-01-1991 Wagner Ash et al. 5,002,054 03-26-1991 5,014,718 05-14-1991 Mitchen 5,026,388 06-25-1991 Ingalz Meserol et al. 5,029,583 07-09-1991 07-30-1991 5,035,704 Lambert et al. 5,049,487 09-17-1991 Phillips et al. 5,054,499 10-08-1991 Swierczek 5,066,859 Karkar et al. 11-19-1991 5,070,886 12-10-1991 Mitchen

FOREIGN PATENT DOCUMENTS

Name	Document Number	Date	Country	Class	Subclass	Translation Yes/No
KM	0 199 484	10-29-1986	EP			
\\\\	0 212 906	03-04-1987	EP			
V	0 250 257	12-23-1987	EP			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	KM	Ash, S., et al., "Subcutaneous Capillary Filtrate Collector for Measurement of Blood
		Chemistries" ASAIO Journal, vol. 38, pp. M416-M420 (1992).

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce

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June 30, 2003

1723

U.S. PATENT DOCUMENTS

Examiner	Document	Date	Name	Class	Subclass	Filing Date
Initial	Number	·				If Appropriate
KM	5,079,421	01-07-1992	Knudson et al.	1		
	5,115,133	05-19-1992	Knudson			
	5,146,091	09-08-1992	Knudson			· .
	5,165,419	11-24-1992	Sarstedt			
	5,179,951	01-19-1993	Knudson			
	5,201,324 · · ·	04-13-1993	Swierczek .			
	5,203,504	04-20-1993	Frost et al.			
	5,231,993	08-03-1993	Haber et al.	. \		
	5,320,607	06-14-1994	Ishibashi			
	5,368,047	11-29-1994	Suzuki et al.	•	1	
	5,437,841	08-01-1995	Balmer			
	5,458,140	10-17-1995	Eppstein et al.			
	5,470,757 .	11-28-1995	Gagnon et al.			
	5,682,233	10-28-1997	Brinda			
	5,746,217	05-05-1998	Erickson et al.			
	5,879,310	03-09-1999	Sopp et al.			
	5,879,367	03-09-1999	Latterell et al.			
	6,152,889	11-28-2000	Sopp et al.			
	6,203,504	03-20-2001	Latterell et al.			
V	6,368,563	04-09-2002	Allen et al.		1	

FOREIGN PATENT DOCUMENTS

Name	Document Number	Date	Country	Class	Subclass	Translation Yes/No
KM	0 453 283 10-23-1991	10-23-1991	EP			
\/	0 555 554	08-18-1993	EP			
V	0 582 226	02-09-1994	EP •			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Ash, S., et al., : A Subcutaneous Capillary Filtrate Collector for Measurement of Blood KM Chemistries," ASAIO Journal, vol. 39, No. 3, pp. M699-M704 (1993).

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

F	orm PT(D-1449	•			Atty. D	ocket No.	S	Serial	No.
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E	xaminer		Document	Date	Nan		Class	Subcla	22	Filing Dat
	Initial		Number		4 1441		Ciuss	Suboru		Appropri
	KM		6,375,626	04-23-2002	Allen	et al.		1.		
	I		6,602,205	08-05-2003	Erickson					
			6,614,522	09-02-2003	Sopp				\neg	······································
	\/		6,624,882	09-23-2003	Sopp 6					
	V		6,712,776	03-30-2004	Latterel					
					•					
•				EODEICN DAT	TENTE DOC	TED CENT	Po	•		
	Na	me	Document	FOREIGN PAT Date		ntry	Class	Subcla		Termalati
	144		Number	Date	Cou	uluy .	Class	Subcia	⁴⁵⁵	Translation Yes/No
	KM		WO 85/04089	09-26-1985	P(T		<u> </u>		1 05/140
			WO 88/00812	02-11-1988		T				
			WO 91/18548	12-12-1991		CT	1			
	1	1/	WO 93/00043	01-07-1993	· PC	T				
		Y	WO 95/10223	04-20-1995	PC	CT				
			THER DOCUMEN	TTS (Including	Author Ti	tla Data	Dortinant	Pages E	١. ١	
	K	i i	Brace, R., et al.							tial Fluid
	A.I.		Pressure," Amer							
			DuPuy, N., et a	l., "Quantitative	Analysis	of Aqueo	us Solutio	ns by FT	IR Sp	ectroscopy
			of Dry-Extract,	' SPIE, vol. 157	5, 8th Inter	national	Conferenc	e on Fou	rier Ti	ransform
			Spectroscopy, p	p. 501-502 (199	91).					
			Geiman Science					<u>-</u>		
	. 1		Gilanyi, M., et a							
	1		Versus Expecte	d Values," Am.	I.Physiol.,	vol. 255,	No. 3 (pt.	2), pp. F.	513-F	519 (Sep.
			1988). Ginsberg, B., "A	An Overview of	Minimally	/ Invasive	e Technolo	ogies," <i>Cl</i>	linical	Chemistr
			1988). Ginsberg, B., "A vol. 38, No. 9, p	р. 1596-1600 (1992).					
		/	1988). Ginsberg, B., "A	р. 1596-1600 (1992).					

applicant.

Form PTO-14	449 U.S. Department Patent and Trade			Atty. D	ocket No.	Se	rial No.
1403	1 atent and 11 aut	eniark Office		LIFE-096CON4 10/611,824 (LS10079/US/7)			/611,824
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Name	Document	Date	T	ntry	Class	Subclas	s Translatio
	Number		,				Yes/No
	Monitoring on F on Biomedical E Kayashima, S., o Candidate for In	Engineering, vo et al., "Suction terstitial Fluid,	1. 38, No. 8 Effusion F	3, pp. 752 luid from	2-757 (Aug Skin and	g. 1991). Constituer	nt Analysis: Ne
	H1627 (Nov. 19 Kiistala, U., "Su	ction Blister D					
	Journal of Inves						
	Korthuis, R., et a Microcirculator pp. 326-327 (19	y Technology, e					
	Mendelson, Y., Reflection and I Engineering, vo	et al., "Blood G	tion Spects	oscopy,"	IEEE Tra	iple Attenuns	nated Total on Biomedical
	Moatti-Sirat, D., of a Miniaturized Tissue," Diabeta	et al., "Toward d Glucose Sens	ds Continu or Implant	ous Gluc ed for Se	ose Monito	s in Rat Su	
V	Petersen, L., et a Vivo: Quantitati Investigative De	il., "Microdialy ve Measuremer	sis of the I nt of Cutae	nterstitia nous Glu	Water Sp	ace in Hur entrations,	
EXAMINER: through citation applicant.	Initial if citation considered if not in conformance and	ed, whether or no	ot citation is	in confor	mance with	MPEP 609	; Draw line unication to

	Form PTO	-1449	U.S. Department Patent and Trade			Atty. Do	ocket No.		Seri	al No.
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			F	OREIGN PAT	TENT DOC	UMENT	S			
	Nan	ne	Document Number	Date	Cou	intry	Class	Sub	class	Translation Yes/No
		0	THER DOCUMEN							
	KM		Turner, A., et al. Biosensors, vol.		-	sensors fo	or Researc	h and	Mana	gement,"
			Wiig, H., "Evalu (P _i): Physiologic No. 1, pp. 27-54	ation of Meth	odologies f					
	V		Wolfson, Jr., S., Sites," Diabetes	-					issue	Implant
\vdash	-			•						 .
 	VALORE!	Do Toriai	1 16 - 14-41 14	111			*41) (DET	. 600	
t			ial if citation considere not in conformance an							

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